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BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1959

To which is added

The Annual Report of the

SURVEYOR AND PUBLIC HEALTH INSPECTOR

MINISTRY OF HEALTH LIBRARY

Public Health Officers of the Authority:-

Medical Officer of Health	Dr. D. McKnight, M.B., B.S., D.C.H., D.P.H.
Public Health Inspector and Surveyor	D. Ward Griffiths, M.R.S.H., M.A.P.H.I.

Council Offices,
Broad Street,
Stamford,
Lincs.

Tel. No. Stamford 2086.

October, 1960.

To the Chairman and Councillors of the
Barnack Rural District Council.

My Lord, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for the year 1959.

The general health of the District was good.

The live birth rate of 13.8 per thousand is a little below that of 1958 and below the national rate of 16.5 of the country as a whole.

There was one death in infants under one year of age, but no maternal deaths.

Once again the death rate is extremely low compared with the country as a whole. The rate for the District was 4.6 compared with 11.6 for England and Wales.

There were no epidemics of infectious diseases during the year. 8 cases of measles were notified and 3 scarlet fever. There were 3 new cases of Tuberculosis, all occurring on the R.A.F. Station at Wittering. Investigation follow-up of these cases is carried out by the R.A.F. Medical Authorites.

I am, My Lord, Ladies and Gentlemen,
Your obedient Servant,

DIANA McKNIGHT.

MEDICAL OFFICER OF HEALTH.

SECTION A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area	15,256 acres
Population estimated mud 1959	4,990
Number of inhabited houses from Rate Book	980
Rateable Value	£53,270
Sum Represented by Penny Rate	£220

EXTRACT FROM VITAL STATISTICS FOR THE YEAR

Live Births	Males	32	
	Females	37	
	Total	69	
Live Birth Rate per 1,000 Population			13.8
Still-births			1
Still-births rate per 1,000 live and still-births			14.2
Infant Deaths			1
Infant mortality rate per 1,000 live births: legitimate			14.5
Infant mortality rate per 1,000 live births: illegitimate			0.0
Neo-natal mortality rate			14.5
Early Neo-natal mortality rate			14.5
Perinatal mortality rate			20.5
Illegitimate live births per cent of total live births			2.9
Maternal Deaths			0.0
Maternal mortality rate per 1,000 live and still-births			0.0
Death rate per 1,000 population			4.6

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INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES

INJURIES AND CAUSES OF DEATH

	Male	Female
Tuberculosis respiratory	-	-
Tuberculosis (Other forms)	-	-
Syphilitic Disease	-	-
Diphtheria	-	-
Whooping Cough	-	-
Meningococcal Infections	-	-
Acute poliomyelitis	-	-
Measles	-	-
Other Infective and Parasitic Diseases	-	-
Malignant neoplasm of stomach	1	-
Malignant neoplasm of lung, bronchus	2	-
Malignant neoplasm of breast	-	-
Malignant neoplasm of uterus	-	-
Other malignant & lymphatic neoplasm	3	1
Leukaemia and Alekaemia	-	-
Diabetes	-	1
Vascular lesions of nervous system	1	2
Coronary diseases, angina	2	2
Hypertension with heart diseases	-	-
Other heart diseases	1	-
Other circulatory diseases	1	-
Influenza	-	-
Pneumonia	-	-
Bronchitis	2	-
Other diseases respiratory system	-	-
Ulcer of stomach and duodenum	-	-
Gastritis, Enteritis and Diarrhoea	-	-
Hyperplasia of prostate	-	-
Nephritis & Nephrosis	-	-
Pregnancy, Childbirth and Abortion	-	-
Congenital malformation	-	-
Other defined and illdefined diseases	2	-
Motor vehicle accidents	2	-
All other accidents	-	-
Suicide	-	-
Homicide and operations of war	-	-
	17	6

AGE DISTRIBUTION OF THE NOTIFIED INFECTIOUS DISEASES

	Not known	Under 1	1	2	3	4	5	10	15	20	25	35	45	55	65	Total
Scarlet Fever	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	3
Pneumonia	-	-	-	-	-	-	1	-	-	1	1	2	2	1	-	8
Mealses	-	-	1	-	2	-	5	-	-	-	-	-	-	-	-	8
Total	-	-	1	-	2	1	7	1	-	1	1	2	2	1	-	19

TUBERCULOSIS

	Deaths During 1959				New Cases during 1959			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1 years	-	-	-	-	-	-	-	-
1 - 5 "	-	-	-	-	-	-	-	-
5 - 15 "	-	-	-	-	-	-	-	-
15 - 25 "	-	-	-	-	2 S	-	-	-
25 - 35 "	-	-	-	-	1 S	-	-	-
35 - 45 "	-	-	-	-	-	-	-	-
45 - 55 "	-	-	-	-	-	-	-	-
55 - 65 "	-	-	-	-	-	-	-	-
Over 65 "	-	-	-	-	-	-	-	-
Total	-	-	-	-	3 S	-	-	-

New cases notified during 1956 = 2
" " " " 1957 = 1
" " " " 1958 = 2
" " " " 1959 = 3

+ S = Service

FACTORY ACT, 1937 PART 1 OF THE ACT

1. Inspection for purposes of provision as to health (including inspections made by the Public Health Inspector)

	Number on Register	Inspections	Number of Written Notices	Occupiers Prosecuted
(1) Factories in which sections 1,2,3,4 and 6 are to be enforced by Local Authorities	2	6	-	-
(11) Factories not included in (1) in which section 7 is enforced by the Local Authority	9	21	-	-
(111) Other premises in which Section 7 is enforced by the local Authority (excluding out-workers premises)	4	9	-	-
Total	15	36		

2. Cases in which defects were found

If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as, two three or more "cases".

	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector.	
Want of Cleanliness	1	1			
Overcrowding					
Unreasonable temperature					
Inadequate ventilation					
Ineffective drainage of floors					
Sanitary Conveniences (a) insufficient (b) unsuitable or defective (c) not separate for sexes	1	1			
Other offences against the Act (not including offences relating to Outwork)					
Total	2	2			

PART V111 OF THE ACT - Outwork (Sections 110 and 111)

Nil

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

Nursing in the Home.

Under the Soke of Peterborough County Council Scheme the services of the District Nurses are available in all the villages in the District.

Home Helps

Home Helps are available under the County Council scheme. Application should be made to:-

The Home Help Organiser,
County Council Offices,
Bridge Street,
Peterborough.

General Hospitals

Acute and Maternity admissions to either Stamford and Rutland Hospital, Stamford or the Memorial Hospital, Peterborough, or Maternity Units under the charge of this Hospital.

Chronic and long term cases are admitted to St. George's Hospital, Stamford.

Isolation Hospital

Infectious cases are admitted to the Peterborough Isolation Hospital under the Peterborough Hospital Management Committee.

TREATMENT CENTRES AND CLINICS

(a) Provided by the Soke of Peterborough County Council

Child Welfare Clincs:-

(a) The Village Hall, Barnack.	1st Wednesday & 3rd Thursday in the month, in afternoon.
(b) The Sick Quarters, R.A.F. Station, Wittering.	1st & 3rd Wednesday in the month, in afternoon.

Diphtheria Immunisation

Provided under the General Practitioner Service of the National Health Acts.

(b) Provided by the Regional Hospital Board.

Tuberculosis

Tuberculosis cases are seen at the Chest Clinic, Stamford Hospital, provided by the Peterborough and Stamford Hospital Management Committee.

Weekly Clinic:-

Stamford and Rutland Hospital	Tuesday and Friday
Chest Clinic, 1 Thorpe Road, Peterborough.	Old Cases, Monday, Wednesday and Friday.
	New Cases, Monday & Friday.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA (Cont'd.)

Laboratory Facilities

Bacteriological examinations are provided by the Public Health Laboratory, Memorial Hospital, Peterborough under Dr. D. H. Fulton.

Examination of water samples and/or bacteriological specimens are made both at the request of the Public Health and National Health General Practitioner Services.

BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

PUBLIC HEALTH INSPECTOR, SURVEYOR AND WATER ENGINEER

FOR THE YEAR 1959

My Lord, Ladies and Gentlemen,

I have pleasure in submitting my 9th Annual Report for the year ended 1959.

STATEMENT OF INSPECTIONS AND VISITS

Water Supplies	75
Refuse Collection and Disposal	31
Drainage and Sewage Disposal	140
Factories and Workshops	36
Housing (other than Council Houses)	102
Council House Maintenance	390
Building	122
Infectious Diseases	3
Food Preparation (including School Kitchens)	30
Miscellaneous	75
	1,004

HOUSING AND PUBLIC HEALTH ACTS

5 unfit houses were closed during the year, the tenants of 4 of the dwellings being rehoused by the Council. A further 10 unfit houses were reported to Council during the year and undertakings from the owners not to re-let without prior permission from the Council were received in respect of 9 of them.

Following a report to Council, evidence was given before a Housing Enquiry on the 13th October, 1959 conducted by an Inspector appointed by the Ministry on 3-16 Newtown (14 properties) comprising the St. Martin Without Newtown Clearance Area. A Clearance Order was subsequently confirmed by the Minister of Housing and Local Government.

34 houses were repaired during the year (14 last year) as a result of informal action.

IMPROVEMENT GRANTS

6 applications (involving 7 properties) for Discretionary Improvement Grants were approved during the year to the value of £2,305 one of which (£400) had not been proceeded with at the end of the year. A further 2 applications for Standard Improvement Grants were approved to the value of £310 (£155 each).

FACTORIES AND WORKSHOPS

The number of factories registered during the year was 15 (18 last year), the majority being small one-man businesses.

Certain contraventions and omissions under the Factory Acts as shown on the previous report, were rectified by the persons responsible.

MILK REGULATIONS

There are 5 Distributors of milk and two dealers in the District. The same number of supplementary licences (13) were again issued for the retail sale of designated milks (P.T. Sterilized and Pastuerised).

SHOPS ACT

The number of shops in the District is 12. Periodical inspections have been made and there is nothing exceptional to report except a further warning was given to one shopkeeper because of dirty premises.

CONDEMNATION OF FOOD

During the year, the following items were condemned as being unfit for human consumption.

14 lb.	Lard
56 lb.	B.S.C. Sugar
14 lb.	Loose Tea
5 lb.	Bisto (in 7lb. tin)
4 lb.	Custard Powder (in 7lb. tin)
3 lb.	Mustard (in 4lb. tin)
6 lb.	Golden Syrup (in 14lb. tin)
2 lb.	Loose Currants
14 lb.	Carrots

REGISTERED FOOD PREMISES

There are 7 premises (9 previous year) registered for the storage and sale of ice-cream. All ice-cream retailed in the District is sold in pre-packed containers.

Periodical inspections of food premises including School kitchens, were carried out during the year. With 2 exceptions, these premises were found to be generally satisfactory apart from minor items. No prosecutions were instituted during the year under the Food and Drugs Act and the Food Hygiene Regulations.

SLAUGHTER HOUSES AND KNACKERS YARDS

There are none in the District.

RAG FLOCK ACT 1951

No premises are registered in the District.

PET ANIMALS ACT

No such premises are licensed in the District.

PREVENTION OF DAMAGE BY PESTS ACT

A scheme whereby a part-time Rodent Operator is employed in conjunction with 4 adjoining authorities has again proved to be generally satisfactory. The following inspections and treatments were made during the year:-

Inspections	Local Authority	93	
	Private Dwelling	51	
	Agricultural Premises	22	166
Treatments	Local Authority	35	
	Private Dwelling	40	75

The treatments involved approximately 220 visits. Various Sewage Disposal Works and certain lengths of public sewers were again periodically inspected and treated.

All complaints of rodent infestation received during the year were investigated and the necessary free treatment given wherever necessary.

INFECTIOUS DISEASES AND DISINFECTION

3 cases only of Scarlet Fever were investigated during the year. No terminal disinfections of sick rooms were carried out.

DRAINAGE AND SEWAGE DISPOSAL

(a) Pilsgate, Barnack, Bainton, Ufford.

Work on this long-awaited sewerage scheme commenced in April, the approximate cost, including sewage disposal and ancillary works at Bainton, being £90,000.

Free connections up to boundaries of properties to be drained was agreed in accordance with Council's policy.

(b) St. Martin Without and Wothorpe

A further burst on the pumping main from the Wothorpe Ejector Station near the railway bridge at St. Martin's was repaired.

(c) Wittering

At the early part of the year a new roadway giving a better gradient and access to the sewage disposal works was constructed at a cost of £172.

This roadway to some extent facilitated the removal of sewage sludge from this awkward site, but it was observed that once again the sludge drying beds failed to dry out sufficiently during the winter months.

However, experiments in sludge-straw composting carried out at these works inclines me to the view that this method of disposal of sludge may be the answer for this particular site.

It is gratifying to record that during the year, 3 samples of sewage effluent taken from the works proved to be entirely satisfactory, compared with the 3 unsatisfactory samples taken the previous year.

(d) General

The small sewerage disposal units taking discharges from groups of Council houses at Thornhaugh, Wansford, Pilsgate, Barnack and Ufford, continued to be maintained during the year and all settlement tanks were emptied periodically.

SCAVENGING

(a) Night-soil Collection

This collection was made weekly by direct labour from all parishes in the District and has again proved to be generally satisfactory.

(b) Refuse Collection and Disposal

This collection was made fortnightly by contract and has proved to be fairly satisfactory, although the Contractor has experienced difficulty in obtaining the necessary labour, with consequent occasional breakdown in the service.

WATER SUPPLY

(a) Wansford, Thornhaugh and Wittering

The water supply for these villages is derived from outcropping springs within a spring collecting area at Leicester Road, Thornhaugh. It comprises of a 20,000 gall. pumping sump and pumphouse, water being pumped through a 4" rising main to a 28,800 gall. elevated tank at Wittering with a branch connection to the 10,000 gall. tank at Thornhaugh.

A G.P.O. line connects the automatic transmitters between the pumphouse and the Wittering tank. This scheme has again worked well except that during the Summer, the supply at source was reduced and a rather prolonged electricity interruption in September necessitated my having to arrange for a few thousand gallons of water to be made available at Wittering by the Stamford Waterworks, from their Bonemill source.

During the year a total of 20,619,200 galls. were taken from the Thornhaugh source, 16,341,170 galls. being consumed at Wittering and 4,278,030 galls. at Thornhaugh and Wansford. A comparison of consumption figures with 1957-58 is given hereunder.

Consumed at	1957	1958	1959
THORNHAUGH and WANSFORD	4,925,000	5,092,520	4,278,030
WITTERING (from Thornhaugh)	3,583,000	7,556,280	16,341,000
(from Stamford Waterworks)	1,851,000	15,000	11,000
Total WITTERING	5,434,000	7,571,280	16,352,000
Total from THORNHAUGH source	8,508,000	12,648,800	20,619,000

On the 17th January, by request, an augmentation supply was afforded to the R.A.F. Camp by utilising the subsidiary 3,000 gall. tank at Wittering, and at the end of the year, 5,800,000 galls. had been consumed by the R.A.F. authority, representing an additional income to the Water Account of over £700. This supply in the principal reason for the increase in the amount of water pumped from the Thornhaugh source and the amount consumed at Wittering during the year.

Certain alterations to the 4" distribution main and various services at Thornhaugh had to be carried out because of A.1 road improvements in the area.

(b) Barnack Water Supply

This supply involves the pumping of water from a deep bore in the Lincolnshire limestone by an electrical submersible pump to an elevated 15,000 gall. tank at Pilsgate and thence by gravity to the District.

This scheme has again worked well except for electricity failures during the year, which due to the inadequacy of storage at Pilsgate invariably affected the supply to the higher parts of the District.

As I have reported for many years past, the storage capacity for this area is totally inadequate and steps must be taken to give a storage capacity of at least 24 hour duration. This should be done before the completion of the Barnack and District Sewerage Scheme previously mentioned and to augment the Wittering supply due to further proposed development in that village.

During the year, a total of 11,619,000 galls. was consumed from this supply compared with 10,344,000 in the previous year.

Certain repairs were carried out to the hypochlorinator at Barnack pumphouse during the early part of the year.

(c) St. Martin Without and Wothorpe

Stamford Waterworks are the statutory undertakers for these parishes.

Agricultural Buildings	2
Cafe and Sales Room etc.	1
Storage Accommodation	2
Drainage and Sanitary Conveniences	3
Extra to Factory	1
Workshop/Garage	1
Malcolm Club Extension	1

No prosecutions for any infringements of Building Byelaws were necessary.

As a matter of interest, during the year it was noticed that some roof timbers in dwellings being erected were infested with the Bark Boring Larvae (Ernobius Mollis). Instructions for the treatment and elimination of this condition were given to the architects and builders concerned.

COUNCIL HOUSES

The external painting of 56 houses was approved during the year. Minor repairs to Council Houses are carried out by Council workmen and other repairs and improvements by Building Contractors. At the end of the year, the scheme for the installation of modern types of solid fuel appliances in all pre-war Council Houses had been completed. Further renewals of galvanised hot water cylinders and parts of internal galvanised plumbing were made to replace those affected by cupro-solvent action. The Council approved a scheme whereby small prefabricated timber storage huts were provided, on application by tenants, at an extra rental of 1/9d. per week.

Once again, bursts occurred in out-buildings of Council Houses during the winter months, due principally to the failure of tenants to turn off the water supply and drain the systems in each out-building.

There is a complete lack of provision of garages or garage spaces for use by Council House tenants, resulting in unauthorised parking on Council Estate Roads and grass verges.

D. WARD GRIFFITHS

Surveyor and Public Health Inspector.

October, 1960.